IZH46

AIR PISTOL INSTRUCTION MANUAL

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EAA MODEL: IZH46
AIR PISTOL INSTRUCTION MANUAL

WARNING AND INSTRUCTION MANUAL
PLEASE READ THESE INSTRUCTIONS

CAUTION: Air Pistols are not toys. This Air Pistol is recommended for adult use. Misuse or careless use may cause serious injury or death. This Air Pistol is dangerous within 500 yards.

Do NOT cock or handle your Air Pistol before you read and understand the instructions and warnings contained in this manual.

FOR YOUR SAFETY AND THE SAFETY OF OTHERS, this owner's manual contains important warnings and safety procedures which must be understood BEFORE using this Air Pistol. Read the entire manual and if you do not understand any part of it or the operation of your Air Pistol, stop and seek professional instructions. You can get a copy of this manual from European American Armory Corp. on request.

Record the serial number of your Air Pistol:

_____

and a description of it:

_____

Make a copy of this manual, proof of purchase/sales record for safekeeping in a secure safe or fireproof container. Such proof is necessary if the Air Pistol is stolen or for warranty repair. Before handling any Air Pistol, make sure you know the safety procedures and most importantly, keep the Air Pistol pointed in a safe direction.

W A R N I N G

YOU RISK INJURY OR DEATH BY HANDLING THIS AIR PISTOL

Before handling this Air Pistol, read, understand and follow the instructions in this manual. Always keep this manual with the Air Pistol. If you lend, give or sell this Air Pistol, be sure the manual goes with it. If there is anything you do not understand, seek advice from someone qualified in safe handling of Air Pistols.

W A R N I N G

This Air Pistol should always be transported unloaded in its case.

10 LIFE SAVING WARNINGS:

1. Thinking the air pistol is unloaded does not mean it is unloaded. If a pellet is in the chamber and the pistol has been cocked, this pistol can be fired. Always treat your air pistol as if it is loaded.

2. Always point the muzzle of any air pistol in a safe direction whether the pistol is loaded or unloaded...

3. No hands over the muzzle / no way / no time / no how.

4. Only use lead .177 pellets manufactured to industry standards. If the pellet doesn't feed into the chamber, don't force it - there is a reason - determine the reason before continuing.

5. Never alter your air pistol or allow anyone not connected with or authorized to represent the manufacturer to modify, change, or adjust any of the working parts of your air pistol.

6. Learn to regularly clean and inspect your air pistol.

7. Wear eye protection whenever you shoot your pistol or when around others using air pistols. You only get one set of eyes .

8. This air pistol is extremely powerful and is not designed for the beginner. This class of air pistol is intended for use by experienced adult shooters.

9. Your air pistol can not think. You must be alert and thoughtful at all times to insure your safety and the safety of the people and property near you... no drugs...no drinking... no horse play... never shoot a pellet at water or a hard surface...

SAFETY WARNING:

Do not cock the cocking leaver more than once per trigger pull.

Make sure after you have cocked the cocking handle fully that you return it to it's resting position. Failure to lock the handle could cause a problem if the trigger was pulled and the cocking handle was not fully returned to it's resting position.

HEALTH WARNING:

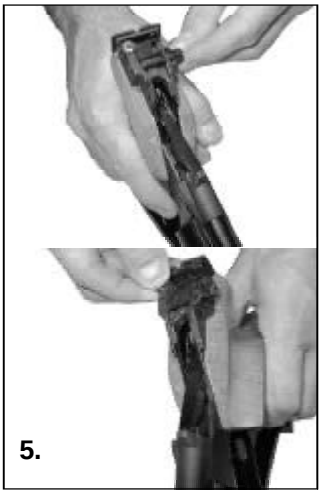
This air pistol fires lead pellets. Lead and lead compounds are known to the State of California to cause cancer, birth defects and reproductive toxicity. Discharging, handling or cleaning an air pistol may result in lead exposure. Have adequate ventilation at all times. Do not put lead pellets in your mouth. Wash hands thoroughly after exposure.

GENERAL INFORMATION:

This is a air pistol. It is powered by compressed air in the cylinder located in front of the breech. Cocking the air pistol compresses the air in the cylinder and should only be done prior to firing. Avoid leaving the cylinder with compressed air for extended periods.

EXTERNAL CONTROL PARTS:

1. The **Trigger** is used for discharging the compressed air so as to expel the pellet. Never touch or pull the trigger when the pistol is cocked and the cocking handle is not in the resting position. The trigger mechanism is adjustable. The screw directly behind the trigger is for adjusting reserve trigger creep (A), the next screw toward the back is for adjusting final trigger creep (B), the screw in front of the trigger is for adjusting preliminary trigger creep (C) and the screw in the trigger is for adjusting the distance of the trigger with reference to the grip (D) and the screw closest to the back of the pistol is for adjusting trigger pull (E). (See Fig 6A) ***Warning - Never adjust the trigger pull to less than 24 ounces.***


5.

2. The **Grip** of your air pistol is two pieces and is made of wood. A loose grip may cause poor accuracy. Do not over tighten the grip screw. Make sure that the grip is tight to the receiver of the air pistol.

4. The **Barrel** of your air pistol is made of steel and has groove rifling. Never put the barrel in a position where it could be bent or damaged. A bent barrel will lead to accuracy problems or could even lead to a pellet being stuck in the barrel. After shooting, always clean the barrel with a light oil.

5. The **Sights** on your air pistol are designed for accuracy. The front sight is all metal and the rear sight is all metal with adjustments for windage and elevation. (See Fig 5 & 5A)

6.

6. The **Cocking Handle** is located below the barrel and is actuated by pulling the handle down and forward until the bolt points upward. If you do not pull the handle completely forward the bolt will not lock up and the gas bypass will not be close. The air bypass must be closed to compress the air in the piston assembly.

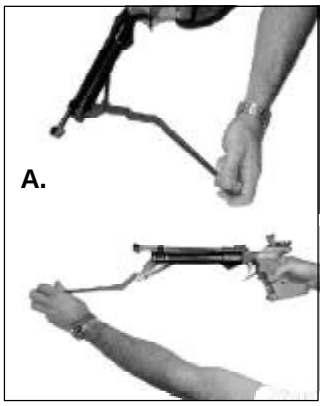
7.

7. The **Bolt** is located on the top of this pistol directly above the grip and in front of the rear sight. The bolt must be pointed up for loading and compression of the air in the cylinder. (See Fig7)

8.

8. The **Bolt Lever** is located behind the bolt and is used to lock the bolt in place for firing. (See Fig 8)

COCKING YOUR AIR PISTOL:



A) Grasp the pistol by the pistol grip with your dominate hand. Keep your fingers off the trigger and away from the breech / bolt. With the barrel pointing in a safe direction, pull the cocking handle forward until you see the bolt assembly pop up to a 90 degree angle from the firing plane or you feel a light click (Warning do not over travel or force the cocking handle or you could damage your pistol). At this point the bolt should be locked up and the air bypass should be closed (See Figure 1). Do not pull past the click sound / feel and **never use excessive force when cocking the air pistol**.

B) Now return the cocking handle to it's rest position by moving the handle to the rear of the pistol. (See Fig. 2-Page 8) You can tell that you have actuated the cocking handle completely by the fact that the return movement of the handle is under pressure. Keep your fingers away from the trigger and breach at all times when cocking the air pistol. (See Fig B)

LOADING YOUR AIR PISTOL:

A) Make sure that the air pistol is pointed in a safe direction and the bolt is in the up position and your hands and finger are away form the trigger

B) Make sure you have completed the pistol cocking sequence before you insert the pellets with the skirt to the rear (See Fig 3) , Warning - If the pellet is not fully seated, it will be deformed when the bolt is closed / locked in place.

C) Close the bolt by depressing the bolt lever down until the bolt is locked down with the bolt lever (See Fig 4). **Warning - do not close the bolt until are ready to fire, the safety on this air pistol is simply the bolt - if you have not closed the bolt the pellet will not be expelled from the barrel. Note - if you pull the trigger and the air has been compressed in the cylinder and the bolt is open (90 degrees from the firing plane) the pistol will discharge the compress air in the cylinder.**

FIRING THE AIR PISTOL:

After completing the above loading step make sure that the pistol is pointed at what you intend to shoot and slowly pull the trigger to the rear. The pistol will discharge and the pellet will be expelled from the barrel. If you wish to fire another pellet unlatch the cocking handle and cock the pistol, see cocking instructions, load another pellet and then fire another pellet.

UN-COCKING YOUR AIR PISTOL:

IF YOU HAVE COCKED YOUR AIR PISTOL AND LOADED A PELLET we suggest you fire the pellet out of the barrel in a safe direction...thus we do not suggest that you un-cock this air pistol.

Caution: Unless absolutely necessary do not shoot a air pistol without a lead pellet! Never fire damaged or used pellets.

Caution: Use only factory new lead air pistol pellets. Use only the correct size pellets (.177 caliber). Do not use steel shot or darts which may damage the pistol bore and which cause greater re-bound and ricochet.

Note: It is a violation of federal law to ship a loaded weapon.

-- WARNINGS --
READING THESE SAFETY RULES WILL SAVE YOUR LIFE OR THE LIFE OF SOMEONE ELSE

Learn how to handle, load, unload, operate, fire and care for your air pistol.

NEVER PLAY with your air pistol. It is a potentially dangerous weapon that can cause serious personal injury or death.

Always keep the air pistol pointed in a safe direction. NEVER point any weapon (loaded or unloaded) at any person or anything you do not intend to shoot. Always keep your air pistol unloaded until ready to fire and make sure that it is unloaded before cleaning.

Keep your finger OFF the trigger until you are actually aiming at the target and ready to shoot.

Never rely on a air pistol's "safety" to protect you from unsafe handling. A safety is only a mechanical device, not a substitute for common sense and good safety procedures.

Never leave a air pistol unattended or where it could fall and fire.

If an air pistol is hit sharply or dropped, damage to the internal precision mechanism may result and consequently an accidental firing.

Store air pistols and pellets separately **beyond the reach of children**. Make sure the air pistol and lead pellets are properly locked and secured so children and un- trained individuals will be denied access.

Test your air pistol's operation ONLY at a shooting location while the pistol barrel is pointed in a safe direction.

Know your target and what is beyond. Ask yourself what your pellet will hit if it misses the target or passes through the intended target. Remember, a fired pellet can travel over 400 yards (including a ricochet).

Never pull an air pistol toward you by the muzzle. Don't climb a tree, cross a ditch or fence with a loaded air pistol.

Do NOT leave your air pistol COCKED for long periods of time or store it COCKED.

Always empty air pistols before entering a house, car, truck, boat, RV, camp or any building.

When receiving a air pistol, always open the action and make sure it is unloaded. NEVER accept anyone's word that an air pistol is "unloaded" or "empty". You should also inspect it by passing a cleaning rod through the bore to make sure it is clear.

Avoid exposure to lead by firing where there is adequate ventilation. After cleaning your air pistol and/or handling lead pellets, wash your hands.

Keep air pistols unloaded when not actually in use. Load the air pistol only when preparing to fire.

Never fire a pellet to clear a barrel.

ALWAYS WEAR protective shooting glasses when firing air pistols.

Never drop your air pistol. If you do drop it, unload it and check it for proper function before using it again.

Don't alter or modify your air pistol.

Do not remove any internal safety or safety device on the air pistol. Safety mechanisms are designed to protect you from injury or death.

Do maintain and keep your air pistol clean. Keep in a dry place away from other metals and water. If your air pistol shows sign of corrosion or improper operation, have it serviced by a competent gunsmith.

Keep the muzzle pointed in a safe direction when loading and unloading your air pistol. Never point the muzzle at any person or any animal.

Never shoot at hard flat surfaces or water....bullets ricochet.

Never let water, snow, mud or other material enter the barrel. Keep the barrel free of any obstruction.

Use only the correct size lead pellets for your air pistol. Do NOT use steel shot or darts.

Teach children NOT to touch an air pistol or pellets.

Remember an air pistol has the capability of taking your life or the life of someone else. Be careful with your air pistol -- an accident is almost always the result of not following basic safety rules.

WRITE US concerning any items or circumstances which you don't understand and which might relate to your safety and the operation of your air pistol.

CARE AND CLEANING:

Caution: make sure the air pistol is unloaded before cleaning (follow uncocking instructions to insure air pistol is not cocked and loaded)

Caution: in lubricating the air compression chamber, use only a special lubricant with a high flash point designed specifically for use inside of an air compression chamber

(A) To lubricate the air compression chamber and air compression seal, follow cocking instructions and cock the air pistol. Put a few drops of special light oil into the vent hole that leads into the compression chamber. Now cock and un-cock the pistol in several different angles so the oil spreads around the piston chamber. Do not over oil (no more than 3 or 4 drops on each lubrication). The air pistol chamber should be oiled every 500 pellets.

(B) The cocking lever linkage and bolt pivot points should be very lightly oiled every six months.

Caution: it is better to under lubricate than to over lubricate. Over lubrication will void your warranty. Do not use firearm cleaners or low flash point oils in the air compression chamber and near the vent and breech seal as this will cause dieseling and damage the seal.

Caution: only a competent gun smith should dissemble the pistol for further cleaning or maintenance.

LIMITED REPAIR WARRANTY

European American Armory Corp. air pistols are warranted to the original retail customer for 90 days from date of purchase against factory defects in metal parts. All metal parts and labor or replacement **at our option** are covered. Mainsprings, seals and stock are warranted to the original retail customer for a period of 30 days from the verified purchase date against defects. Parts and labor to repair mainsprings, seals and stock will be provided for 30 days from the verified purchase date.

Evidence of proof of purchase is necessary for all warranty repair service. Transportation to and from our repair facilities, governmental fees, damage caused by failure to perform normal maintenance, sales outside the United States, damage due to non factory lead pellets, steel shot or darts, or any unauthorized repair, modification, misuse, abuse, or alteration of the product is not covered by this Limited Repair Warranty.

Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited to 90 Days from date of original retail purchase. Consequential or incidental damages and/or expenses, or any other expenses are not covered by this warranty.

To obtain warranty performance send your product with proof of retail purchase, freight prepaid to:

European American Armory Corp.
3855 North U.S. Highway One
Cocoa, Florida 32927

W A R N I N G

Altering or modifying parts is dangerous and will void the warranty. This air pistol was manufactured to perform properly with the original parts as designed. It is your duty to make sure any parts you buy are made for this air pistol and are installed correctly and that neither the replacements nor originals are altered or changed. Your air pistol is a complex precision tool with many parts that must relate correctly to other parts in order for proper and safe operation. Putting an air pistol together wrong or with incorrect or modified parts can result in a damaged air pistol, serious injury or death to you and others through malfunction. Always have a qualified gunsmith work on your air pistol or at least check any work not performed by a gunsmith.

ALL PARTS ORDERS ARE SUBJECT TO A $10.00 CHARGE FOR SHIPPING AND HANDLING. For parts and service contact: European American Armory Corp., 3855 North U.S. Highway One, Cocoa, Florida 32927 Phone: (407) 639-4842.

STATEMENT OF NON-LIABILITY

Air Pistols are not classified as firearms by the U.S. Gun Control Act of 1968. Air Pistols are not generally considered to be weapons; however, they can cause serious injury, death and property damage. Thus, they should be handled with great care. Safety is your responsibility. Neither the manufacturer, nor European American Armory Corporation, assume any responsibility for personal injury, death or property damage resulting from either intentional or accidental discharge or for the function of any air pistol subjected to influences beyond our control.

KEEP THIS BOOKLET AND PROOF OF PURCHASE IN A SECURE LOCATION.

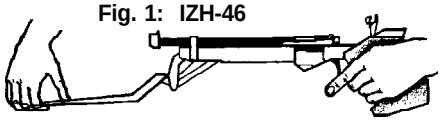


Fig. 1: IZH-46

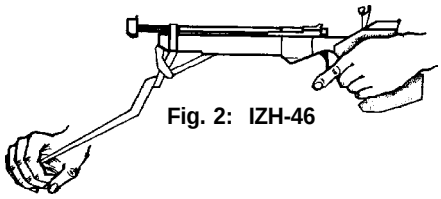


Fig. 2: IZH-46

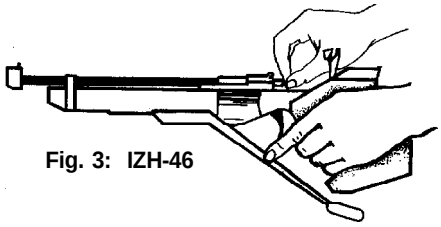


Fig. 3: IZH-46

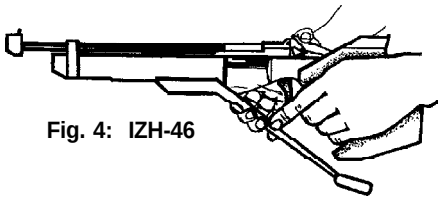


Fig. 4: IZH-46

SPECIFICATIONS:

CALIBER ..... .177" / 4.5mm
BARREL LENGTH 280mm
OVERALL LENGTH 420mm
WEIGHT 1.3Kg

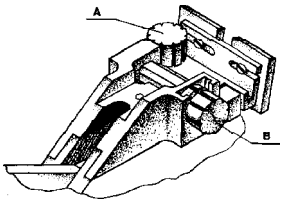
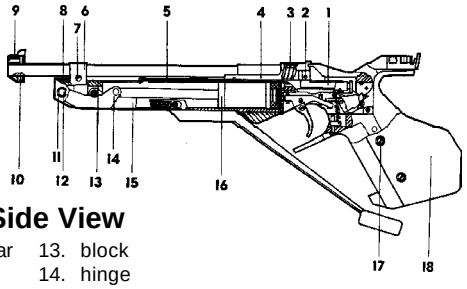


Fig. 5A: IZH-46



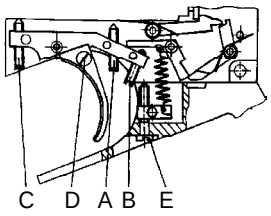
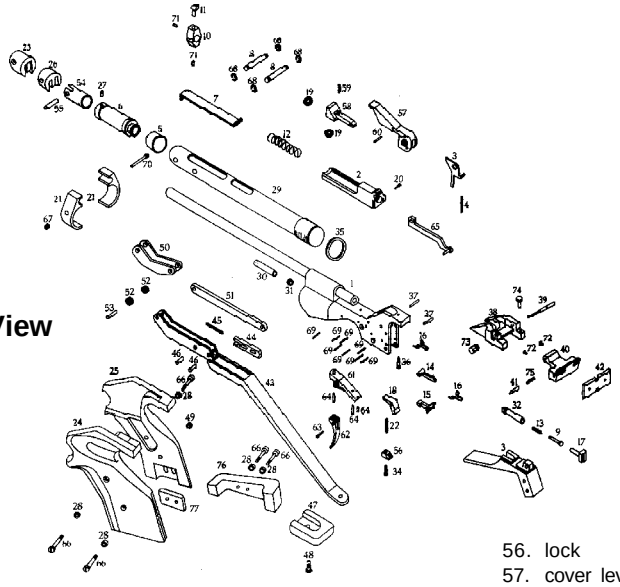


Fig. 6A: IZH-46

Parts - Side View

1. cover bar
2. screw
3. spring
4. slide
5. bar
6. yoke
7. screw
8. plug
9. front sight base
10. screw
11. washer
12. pin
13. block
14. hinge
15. pumping lever
16. piston
17. screw
18. grip



Parts - Exploded View

1. frame
2. slide
3. blocking lever
4. blocking lever spring
5. pistol collar
6. piston
7. bar
8. hinge pin
9. main valve
10. front sight base
11. front sight
12. slide spring
13. vavle spring
14. vavle sear
15. trigger sear
16. sear spring
17. vavle stem
18. trigger lever
19. packing ring
20. screw
21. yoke
22. spring
23. plug
24. left-hand sidepiece
25. right-hand sidepiece
26. block
27. screw
28. screw eye
29. cylinder
30. vavle seat
31. lock
32. bush
33. guard
34. screw
35. packing ring
36. screw
37. pin
38. sight
39. sight base
40. sight base plunger
41. plunger spring
42. sight pin
43. pumping lever
44. span piece
45. spring
46. pin
47. lever grip
48. screw
49. washer
50. hinge
51. connecting rod
52. roller
53. pin
54. heelpiece
55. pin
56. lock
57. cover lever
58. cover
59. spring
60. pin
61. trigger base
62. trigger
63. trigger screw
64. screw
65. cover tie
66. screw
67. nut
68. washer
69. pin
70. screw
71. screw
72. screw